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| **Capstone Title:** | **InsecurityFree: Image Processing Utilization for Personal Glow-Up Assistance** | | |
| **Written By:** | Baltazar, Viergil S.  Carrera, Venniel. A.  Cortes, Raphael Ivan L.  Espere, Zedrick. C. | | |
| Written Date: | Oct 10, 2025 | | |
| **Test Case Description:** | **Web System**  **Software Progress Test Cases (76%-100%)** | | |
| **Testers:** | **Mr. Michael C. Galo**  **Mr. Elmer M. Aliño** | | |
| Test Conditions | | Date: |  |
| Total Test  Case: | 188 | Rating: |  |
| Pass: |  |
| Fail: |  |

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| **Test Case Scenario ID** | **Name of the Module Function** | | **Test Case Scenario** | **Action** | | | **Actual Input** | **Pass** | **Fail** | **Comments/ Suggestions** | |
| WW-001 | Registration Module | | User successfully registers with valid credentials | 1. Visit the Register page.  2. Fill out all fields correctly.  3. Check Terms & Conditions box.  4. Click **Create account**.  5. Wait for alert “Registration successful! Please log in to continue.”  6. System redirects to login page. | | | First Name: *John*  Last Name: *Doe*  Email: *johndoe@example.com*  Password: *John1234*  Confirm Password: *John1234*  Age: *22*  Gender: *Male* |  |  |  | |
| WW-002 | Registration Module | | Redirects to Login page after successful registration | 1. Successfully register an account.  2. Observe redirect to login page. | | | After successful registration |  |  |  | |
| WW-003 | Registration Module | | Display validation message when fields are empty | 1. Visit Register page.  2. Leave all fields blank.  3. Click **Create account**.. | | | Empty form submission |  |  |  | |
| WW-004 | Registration Module | | Display validation message when First Name or Last Name is missing | 1. Fill out other fields but leave First Name or Last Name empty.  2. Click **Create account**. | | | First Name: *(empty)*  Last Name: *Doe* |  |  |  | |
| WW-005 | Registration Module | | Prevent registration if email field is empty | 1. Leave email field empty.  2. Click **Create account**. | | | Email: *(empty)* |  |  |  | |
| WW-006 | Registration Module | | Prevent registration if password is weak | 1. Enter password without uppercase or numbers.  2. Click **Create account**.  3. Observe message: “Password must be at least 8 characters, include an uppercase letter, a number, and a letter.” | | | Password: *password* |  |  |  | |
| WW-007 | Registration Module | | Prevent registration if Confirm Password does not match Password | 1. Enter password and a different confirm password.  2. Click **Create account**. | | | Password: *John1234*  Confirm Password: *John4321* |  |  |  | |
| WW-008 | Registration Module | | Display validation message when Age is empty | 1. Leave Age field blank.  2. Click **Create account**. | | | Age: *(empty)* |  |  |  | |
| WW-009 | Registration Module | | Display validation message when Gender is not selected | 1. Leave Gender dropdown unselected.  2. Click **Create account**. | | | Gender: *(empty)* |  |  |  | |
| WW-010 | Registration Module | | Prevent registration if Terms & Conditions is not agreed | 1. Leave Terms checkbox unchecked.  2. Click **Create account**. | | | Agree checkbox: *unchecked* |  |  |  | |
| WW-011 | Registration Module | | Show Terms and Conditions modal | 1. Click the **Terms & Conditions** text link.  2. Observe modal appearing with Agree and Decline options. | | | Click **Terms & Conditions** |  |  |  | |
|  | Registration Module | | Check for duplicate email | 1. Enter an email already registered in the system. 2. Submit form. | | | Email: existing@example.com |  |  |  | |
|  |  | |  |  | | |  |  |  |  | |
| WW-012 | Registration Module | | Close Terms modal and auto-check agreement on “Agree” | 1. Click **Terms & Conditions**.  2. Click **Agree** in modal.  3. Checkbox becomes checked automatically. | | | Click **Agree** button |  |  |  | |
| WW-013 | Registration Module | | Toggle password visibility | 1. Click **eye icon** in password and confirm password fields.  2. Observe text becomes visible. | | | Click **Eye icon** |  |  |  | |
| WW-014 | Registration Module | | Navigate to Login page from Register page | 1. Click **Log In** beside “Already have an account?”.  2. System navigates to  Login screen | | | Click **Log In** link |  |  |  | |
| WW-018 | Login Module | | User successfully logs in with correct credentials | 1. Visit the login page.  2. Enter valid email and password.  3. Click **Sign in**.  4. Observe redirect to landing page. | | | Email: *johndoe@example.com*  Password: *John1234* |  |  |  | |
| WW-019 | Login Module | | Newly registered users redirects to intro page | 1. Log in using a new user account.  2. Observe that system redirects to introduction page after login. | | | Email: *newuser@example.com*  Password: *NewUser123!* |  |  |  | |
| WW-021 | Login Module | | Prevent login with incorrect credentials | 1. Enter a wrong email or password.  2. Click **Sign in**.  3. Observe toast error “Invalid login credentials.” | | | Email: *wrong@example.com*  Password: *WrongPass!* |  |  |  | |
| WW-023 | Login Module | | Prevent login with empty fields | 1. Leave both fields blank.  2. Click **Sign in**.  3. Observe browser shows required field message. | | | Empty form |  |  |  | |
| WW-025 | Login Module | | Remember Me checkbox toggles state | 1. Click the **Remember Me** checkbox.  2. Observe it toggles between checked and unchecked   |  | | --- | |  | | | | Click checkbox |  |  |  | |
| WW-026 | Login Module | | Navigate to registration page | 1. Click **Sign up** beside “Don’t have an account?”.  2. Observe redirect to registration page | | | Click **Sign up** link |  |  |  | |
| WW-027 | Login Module | | Prevent inserting duplicate user data | 1. Log in multiple times with the same verified account.  2. Observe no duplicate entries in user and user details tables. | | | Email: *existing@example.com*  Password: *Existing123!* |  |  |  | |
| WW-027 | Welcome Page Module | | Click “User Dashboard” feature card | 1. Click the “User Dashboard” card under Core Features.  2. Observe if it redirects to Login page. | | | Click User Dashboard card |  |  |  | |
| WW-027 | Welcome Page Module | | Click “Identify Skin Type” feature card | 1. Click the “Identify Skin Type” card.  2. Observe if it redirects to Download page. | | | Click Identify Skin Type card |  |  |  | |
| WW-027 | Welcome Page Module | | Click “Create Routine” feature card | 1. Click the “Create Routine” card.  2. Observe if it redirects to Login page. | | | Click Create Routine card |  |  |  | |
| WW-027 | Welcome Page Module | | Click “Product Management” feature card | 1. Click the “Product Management” card.  2. Observe if it redirects to Login page. | | | Click Product Management card |  |  |  | |
| WW-027 | Welcome Page Module | | Click “Download Now” button | 1. Scroll to “Download Our Mobile App” section.  2. Click “Download Now”.  3. Observe if it redirects to Download page. | | | Click Download Now button |  |  |  | |
| WW-027 | Welcome Page Module | | Click “Go to Dashboard” button | 1. Scroll to “Comprehensive Dashboard” section.  2. Click “Go to Dashboard”.  3. Observe if it redirects to Login page. | | | Click Go to Dashboard button |  |  |  | |
|  | Welcome Page Module | | Click “Get the App” button | 1. Scroll to “Advanced Skin Analysis” section.  2. Click “Get the App”.  3. Observe if it redirects to Download page. | | | Click Get the App button |  |  |  | |
|  | Welcome Page Module | | Click “Browse Products” button | 1. Scroll to “Personalized Product Recommendations” section.  2. Click “Browse Products”.  3. Observe if it redirects to Login page. | | | Click Browse Products button |  |  |  | |
|  | Welcome Page Module | | Click “Build Your Routine” button | 1. Scroll to “AI-Powered Routine Builder” section.  2. Click “Build Your Routine”.  3. Observe if it redirects to Login page. | | | Click Build Your Routine button |  |  |  | |
|  | Navbar Module | | Click “Home” menu item | 1. Click “Home” in the top navigation bar.  2. Observe if it redirects to Home page. | | | Click Home link |  |  |  | |
|  | Navbar Module | | Click “Dashboard” menu item | 1. Click “Dashboard” in the navigation bar.  2. Observe if it redirects to Login page. | | | Click Dashboard link |  |  |  | |
|  | Navbar Module | | Click “About Us” menu item | 1. Click “About Us” in the navigation bar.  2. Observe if it redirects to About page. | | | Click About Us link |  |  |  | |
|  | Navbar Module | | Click “Legal and FAQs” menu item | 1. Click “Legal and FAQs” in the navigation bar.  2. Observe if it redirects to Legal page. | | | Click Legal and FAQs link |  |  |  | |
|  | Navbar Module | | Click “Login” button on desktop | 1. On desktop view, click the “Login” button on the right side of navbar.  2. Observe if it redirects to Login page. | | | Click Login button |  |  |  | |
|  | Navbar Module | | Open mobile menu | 1. On mobile view, tap the menu (☰) icon.  2. Observe if the menu expands showing all items. | | | Tap menu icon |  |  |  | |
|  | Navbar Module | | Close mobile menu | 1. Tap the “X” icon on the mobile menu.  2. Observe if the menu closes properly. | | | Tap close (X) icon |  |  |  | |
|  | Sidebar Navigation | | Toggle sidebar between expanded and collapsed view (desktop) | Click the sidebar toggle button on desktop view. | | | Click toggle button |  |  |  | |
|  | Sidebar Navigation | | Open sidebar in mobile view | 1. Open app on mobile width (<768px).  2. Click menu icon. | | | Tap menu icon |  |  |  | |
|  | Sidebar Navigation | | Close sidebar in mobile view | Click anywhere outside the sidebar overlay. | | | Tap outside sidebar |  |  |  | |
|  | Sidebar Navigation | | Expand submenu under "Comprehensive Analysis" | Click "Comprehensive Analysis". | | | Click menu item |  |  |  | |
|  | Sidebar Navigation | | Collapse submenu under "Comprehensive Analysis" | Click "Comprehensive Analysis" again while submenu is open. | | | Click menu item again |  |  |  | |
|  | Sidebar Navigation | | Navigate to Dashboard | Click “Dashboard” on sidebar. | | | Click Dashboard link |  |  |  | |
|  | Sidebar Navigation | | Navigate to My Skin Type page | Click “My Skin Type” on sidebar. | | | Click My Skin Type link |  |  |  | |
|  | Sidebar Navigation | | Navigate to My Routines page | Click “My Routines” on sidebar | | | Click My Routines link |  |  |  | |
|  | Sidebar Navigation | | Navigate to My Products page | Click “My Products” on sidebar. | | | Click My Products link |  |  |  | |
|  | Sidebar Navigation | | Navigate to My Profile page | Click “My Profile” on sidebar. | | | Click My Profile link |  |  |  | |
|  | Sidebar Navigation | | Log out of the account | Click the Logout button at the bottom of the sidebar. | | | Click Logout button |  |  |  | |
| WW-032 | Routines Module | | Display user routines after login | 1. Log in with a valid account.  2. Navigate to Routines page.  3. Observe existing routines displayed under their categories. | | | Logged-in user with routines |  |  |  | |
| WW-033 | Routines Module | | Add a new routine successfully | 1. Click **Add Routine**.  2. Fill in routine name, type, time, and steps.  3. Click **Save Routine**. | | | Routine name: *Morning Glow* |  |  |  | |
| WW-034 | Routines Module | | Edit an existing routine | 1. Click the **Edit** (✏️) icon beside an existing routine.  2. Update details.  3. Click **Save Routine**. | | | Update duration or add step |  |  |  | |
| WW-035 | Routines Module | | Delete a routine successfully | 1. Click the **Delete (🗑)** icon.  2. Confirm in the popup.  3. Observe routine removed from list.. | | | Click delete confirmation |  |  |  | |
| WW-037 | Routines Module | | Show “No routine yet” message | 1. Log in with a new account with no routines.  2. Observe empty-state message with “Add Routine” button. | | | User with no routines |  |  |  | |
| WW-038 | Routines Module | | Toggle routine section visibility | 1. Click the dropdown (Chevron) on “Morning Routine”.  2. Observe the section collapses or expands. | | | Click Chevron icon |  |  |  | |
| WW-040 | Routines Module | | Product details displayed correctly | 1. Add a step using a known product.  2. Observe type, area, and body Part displayed properly. | | | Add a product inside the step |  |  |  | |
| WW-041 | Routines Module | | Cancel delete confirmation modal | 1. Click delete on a routine.  2. In modal, click **Cancel**.  3. Observe modal closes and routine remains. | | | Click Cancel |  |  |  | |
| WW-042 | Routine Module | | Reloads data after saving routine | 1. Add a routine.  2. Observe it appears immediately in list after save. | | | Create new routine |  |  |  | |
| WW-044 | Products Module | | Display saved products of the logged-in user | 1. Log in with a valid account that has saved products.  2. Visit the Products page. | | | Valid user account with saved products |  |  |  | |
| WW-045 | Products Module | | Display "No products found" when user has no saved products | 1. Log in with a valid account that has no saved products.  2. Visit the Products page. | | | Valid user account without saved products |  |  |  | |
| WW-048 | Products Module | | Filter saved products by severity | 1. Visit the Products page.  2. Select a severity level (e.g. “Severe”) from the filter dropdown. | | | Select “Severe” in severity filter |  |  |  | |
| WW-049 | Products Module | | Filter saved products by type | 1. Visit the Products page.  2. Select a product type (e.g. “Cleanser”). | | | Select “Cleanser” in type filter |  |  |  | |
| WW-050 | Products Module | | Filter saved products by skin type | 1. Visit the Products page.  2. Select a skin type (e.g. “Oily”). | | | Select “Oily” in skin type filter |  |  |  | |
| WW-051 | Products Module | | Filter body products by body part | 1. Switch area to “Body”.  2. Select a body part (e.g. “Arms”) from the filter dropdown. | | | Select “Body” area and “Arms” body part |  |  |  | |
| WW-053 | Products Module | | Sort products by severity level | 1. Visit the Products page.  2. Choose “Severity (Low–High)” from the sort options. | | | Select “Severity (Low–High)” |  |  |  | |
| WW-054 | Products Module | | Switch between Face and Body product lists | 1. Click the “Area” toggle filter.  2. Select “Face” or “Body”. | | | Select “Face” / “Body” |  |  |  | |
| WW-055 | Products Module | | Open product detail modal | 1. Click any saved product card. | | | Click a product card |  |  |  | |
| WW-056 | Products Module | | Close product detail modal | 1. Open a product modal.  2. Click outside the modal or on the close button. | | | Click modal close button or background |  |  |  | |
| WW-057 | Products Module | | Display proper message when filter results are empty | 1. Apply filters that don’t match any saved products.  2. Observe the “No matching products” message. | | | Apply non-matching filters |  |  |  | |
| WW-060 | Skin Type Module | | Display user’s saved skin type | 1. Log in with a valid user who already has a saved skin type.  2. Navigate to /skintype page.  3. Observe if skin type details are displayed correctly. | | | Valid user with saved skin type |  |  |  | |
| WW-061 | Skin Type Module | | Display “No Skin Type Detected Yet” for new users | 1. Log in with a new user (no skin type yet).  2. Visit /skintype.  3. Observe message shown. | | | New user with no skin type |  |  |  | |
|  | Skin Type Module | | Save selected skin type | 1. Log in as a new user.  2. Select a skin type from dropdown.  3. Click “Save Skin Type”.  4. Check if success message shows and data saved. | | | Select “Oily” (example) |  |  |  | |
| WW-063 | Skin Type Module | | Change existing skin type | 1. Log in as a user with existing skin type.  2. Choose a different skin type.  3. Click “Save Changes”.  4. Observe success dialog and updated details. | | | Change “Dry” → “Combination” |  |  |  | |
| WW-064 | Skin Type Module | | Prevent redundant save when selecting same skin type | 1. Select the same skin type as current.  2. Observe if “Save Changes” button is disabled. | | | Same as current type |  |  |  | |
| WW-067 | Skin Type Module | | Show success message on saving skin type | 1. Change skin type.  2. Click “Save Changes”.  3. Observe success toast “Skin type updated successfully!” appears. | | | Change to new type |  |  |  | |
| WW-068 | Skin Type Module | | Navigate to “Build Your Routine” | 1. On the skin type details card, click “Build Your Routine” button.  2. Verify it navigates to /routine. | | | Click routine button |  |  |  | |
| WW-069 | Skin Type Module | | Navigate to “Track Skin Impurity” | 1. On the skin type details card, click “Track Skin Impurity”.  2. Verify it navigates to /download. | | | Click track button |  |  |  | |
| WW-071 | Skin Type Module | | Ensure dropdown lists all skin types | 1. Open dropdown list.  2. Verify all skin types are displayed. | | | Open dropdown |  |  |  | |
| WW-072 | Skin Type Module | | Show last checked date if available | 1. Log in with a user who has saved skin type  2. Verify “Last checked” date displays correctly. | | | Existing user data |  |  |  | |
|  | Skin Tone Module | | Switch to Skin Tone tab | 1. From the main analysis screen, tap on the Skin Tone tab.  2. System loads skin tone data from backend | | | N/A |  |  |  | |
|  | Skin Tone Module | | Display current skin tone (with data) | 1. System retrieves valid skin tone from backend (e.g., "Fair").  2. Displays corresponding tone image, description, characteristics, focus areas, and cautions.  3. Shows “Last checked” date with correct format.  . | | | N/A |  |  |  | |
|  | Skin Tone Module | | Display when there is no recorded skin tone | 1. System retrieves null or no skin tone from backend.  2. Displays default skin tone “Light”.  3. Shows “Last checked: Not yet recorded.”  4. Edit and Back buttons are visible. | | | N/A |  |  |  | |
|  | Skin Tone Module | | Enter edit mode | 1. Tap Edit button.  2. Edit mode activates; dropdown menu appears with options (“Light”, “Fair” “Dark”).  3. Current tone is preselected. | | | N/A |  |  |  | |
|  | Skin Tone Module | | Select new skin tone | 1. In edit mode, open dropdown and select a different skin tone (e.g., “Dark”).  2. Selected tone is displayed in dropdown. | | | Choose dark on dropdown |  |  |  | |
|  | Skin Tone Module | | Save changes | 1. Tap Save Changes button.  2. Success confirmation dialog “Skin profile updated successfully!” appears for 3 seconds.  3. UI updates with new tone image, description, and details.  4. Edit mode exits automatically. | | | Click save button |  |  |  | |
|  | Skin Tone Module | | Cancel changes | 1. In edit mode, change tone in dropdown (e.g., from “Fair” to “Tan”).  2. Tap Cancel button.  3. Edit mode exits.  4. Previously saved tone remains unchanged. | | | Click cancel button |  |  |  | |
| WW-073 | Home Page Module | | Verify navigation to “User Dashboard” feature | 1. Click the **User Dashboard** card in Core Features.  2. Confirm navigation to the login page. | | | Click User Dashboard card |  |  |  | |
| WW-074 | Home Page Module | | Verify navigation to “Identify Skintype” feature | 1. Click the **Identify Skintype** card in Core Features.  2. Confirm navigation to the download page. | | | Click Identify Skintype card |  |  |  | |
| WW-075 | Home Page Module | | Verify navigation to “Create Routine” feature | 1. Click the **Create Routine** card in Core Features.  2. Confirm navigation to the login page. | | | Click Create Routine card |  |  |  | |
| WW-076 | Home Page Module | | Verify navigation to “Product Management” feature | 1. Click the **Product Management** card in Core Features.  2. Confirm navigation to the login page. | | | Click Product Management card |  |  |  | |
| WW-077 | Home Page Module | | Verify “Download Our Mobile App” section navigates correctly | 1. Click the **Download Now** button.  2. Confirm navigation to /download. | | | Click Download Now |  |  |  | |
| WW-078 | Home Page Module | | Verify “Go to Dashboard” button | 1. Scroll to the **Comprehensive Dashboard** section.  2. Click **Go to Dashboard** button.  3. Confirm navigation to /login. | | | Click Go to Dashboard |  |  |  | |
| WW-079 | Home Page Module | | Verify “Get the App” button | 1. Scroll to the **Advanced Skin Analysis** section.  2. Click **Get the App**.  3. Confirm navigation to /download. | | | Click Get the App |  |  |  | |
| WW-080 | Home Page Module | | Verify “Browse Products” button | 1. Scroll to **Personalized Product Recommendations** section.  2. Click **Browse Products**.  3. Confirm button click behavior (should later navigate to /products if linked). | | | Click Browse Products |  |  |  | |
| WW-081 | Home Page Module | | Verify “Build Your Routine” button | 1. Scroll to **AI-Powered Routine Builder** section.  2. Click **Build Your Routine**.  3. Confirm navigation to /login. | | | Click Build Your Routine |  |  |  | |
| WW-082 | Home Page Module | | Check hero section display | 1. Verify that hero text “INSECURITY FREE” and description appear clearly on page load. | | | Page load |  |  |  | |
| WW-083 | Home Page Module | | Verify responsiveness | 1. Resize browser window or test on mobile view.  2. Confirm layout adjusts (grid changes to single column). | | | Change viewport |  |  |  | |
| WW-084 | Home Page Module | | Check hover animations | 1. Hover over each Core Feature card.  2. Verify subtle scaling and shadow animation occurs. | | | Hover over feature cards |  |  |  | |
| WW-085 | Home Page Module | | Check images load correctly | 1. Ensure all home images (home1.jpg, home2.avif, etc.) load without errors. | | | Page load |  |  |  | |
| WW-086 | Home Page Module | | Check navbar visibility | 1. Verify that the NavbarSplashScreen component renders at top of the page. | | | Page load |  |  |  | |
| WW-087 | Home Page Module | | Verify overall page load | 1. Visit the root / route.  2. Confirm entire layout loads without console errors. | | | Open/route |  |  |  | |
| WW-104 | Landing Page | | Verify error state displays correctly | 1. Pass data with firstName: "User".  2. Confirm text “Hello, User” is displayed. | | | N/A |  |  |  | |
| WW-105 | Landing Page | | Verify face key problems display | 1. Return data with multiple key problems.  2. Check that each label, severity color (red/yellow/green), and percentage render properly. | | | N/A |  |  |  | |
| WW-108 | Landing Page | | Verify “Your body skin appears clear” message | 1. Display Body Impurities  2. Confirm fallback message appears. | | | N/A |  |  |  | |
| WW-109 | Landing Page | | Verify skin type image renders | Confirm correct image for skin type | | | N/A |  |  |  | |
| WW-111 | Landing Page | | Verify analytics bar widths and color scaling | 1. Confirm colors are green/yellow/red respectively and bar width matches percentage. | | | N/A |  |  |  | |
| WW-112 | Landing Page | | Verify recent products display | 1. Return data with recent products (≥3).  2. Confirm each displays image, name, and area. | | | N/A |  |  |  | |
| WW-113 | Landing Page | | Verify “You have no saved products” message | 1. Confirm fallback message appears. | | | N/A |  |  |  | |
| WW-114 | Landing Page | | Verify “See All” button visibility | 2. Confirm “See All” appears. | | | N/A |  |  |  | |
| WW-115 | Landing Page | | Verify “See All” button navigation | 1. Click **See All**.  2. Confirm redirect to product page | | | Click button |  |  |  | |
| WW-118 | Landing Page | | Verify overall integration | 1. Load page with real user data.  2. Confirm all widgets (Problems, Body Impurities, Skin Type, Analytics, Recent Products) render correctly. | | | Logged-in user |  |  |  | |
| WW-119 | Legal and Support Center | | Display default tab (Terms & Policy) on page load | 1. Visit the Legal & Support Center page.  2. Observe which tab content is shown by default. | | | Visit legal and support page |  |  |  | |
| WW-120 | Legal and Support Center | | Verify “Terms & Policy” tab displays Terms content | 1. Click the “Terms & Policy” tab if not already active.  2. Scroll through content. | | | Click “Terms & Policy” |  |  |  | |
| WW-122 | Legal and Support Center | | Verify “Terms & Policy” section expands all legal sections | 1. Scroll down the page.  2. Ensure all 10 sections (Use of Service, User Responsibilities, etc.) are visible. | | | Scroll through page |  |  |  | |
| WW-123 | Legal and Support Center | | Verify “FAQs” tab displays FAQ content | 1. Click on the “FAQs” tab.  2. Ensure FAQ list appears with collapsible items. | | | Click “FAQs” |  |  |  | |
| WW-124 | Legal and Support Center | | Verify accordion expands/collapses correctly | 1. Click on any FAQ question.  2. Verify the answer expands.  3. Click again to collapse it. | | | Click FAQ item |  |  |  | |
| WW-125 | Legal and Support Center | | Verify icon rotation on accordion toggle | 1. Observe ChevronDown icon beside each FAQ.  2. Confirm it rotates 180° when open and resets when closed. | | | Click FAQ item |  |  |  | |
| WW-126 | Legal and Support Center | | Verify tab highlight changes when switching tabs | 1. Click “FAQs”, then “Terms & Policy”.  2. Ensure the active tab is highlighted in green and inactive is gray. | | | Click both tabs |  |  |  | |
| WW-129 | Legal and Support Center | | Verify responsiveness | 1. Resize browser (mobile/tablet/desktop).  2. Ensure tabs and text reflow correctly without overlap. | | | Resize viewport |  |  |  | |
| WW-132 | Legal and Support Center | | Verify correct rendering of section titles | 1. Check that each Terms section has proper heading (e.g., “1. Use of the Service”). | | | Default Terms data |  |  |  | |
| WW-135 | Logout Module | | User logs out successfully and is redirected to login page | 1. Login using valid credentials.  2. Click on the "Logout" button in the navigation or sidebar.  3. Wait for the page to redirect. | | | Click "Logout" |  |  |  | |
| WW-143 | Profile Module | | Verify that the profile page loads with the user’s information | 1. Log in using valid credentials.  2. Navigate to the “Profile” page.  3. Observe if the profile data is displayed properly. | | | Click “Profile” |  |  |  | |
| WW-144 | Profile Module | | Verify that user details (name, age, gender, email) are correctly displayed | 1. Log in as an existing user.  2. Check displayed user details on the profile page. | | | N/A |  |  |  | |
| WW-145 | Profile Module | Verify that the “Edit Profile” button toggles edit mode | | | 1. Go to the profile page.  2. Click the “Edit Profile” button.  3. Observe if the fields become editable. | Click “Edit Profile” | |  |  | |  |
| WW-146 | Profile Module | | Verify that canceling edit restores original data | 1. Click “Edit Profile”.  2. Change any field value.  3. Click “Cancel”.  4. Observe if fields revert to original values. | | | Enter new data and cancel |  |  |  | |
| WW-147 | Profile Module | | Verify that the user can update their profile information successfully | 1. Click “Edit Profile”.  2. Update name, age, or gender fields.  3. Click “Save Changes”.  4. Observe success message and updated display. | | | Edit profile fields and click “Save” |  |  |  | |
| WW-148 | Profile Module | | Verify that the email field is non-editable | 1. Click “Edit Profile”.  2. Attempt to edit the email field.  3. Observe if it’s read-only. | | | Click on Email field |  |  |  | |
| WW-149 | Profile Module | | Verify that invalid data is not saved (e.g., blank fields or invalid age) | 1. Click “Edit Profile”.  2. Leave fields blank or input invalid values.  3. Click “Save Changes”. | | | Blank or invalid data |  |  |  | |
| WW-150 | Profile Module | | Verify that success toast message appears after saving profile | 1. Update profile details.  2. Click “Save Changes”.  3. Observe if a toast notification appears with “Profile updated successfully!” | | | Edit and save profile |  |  |  | |
| WW-152 | Profile Module | | Verify that the profile avatar is displayed properly | 1. Open the profile page.  2. Observe user avatar beside name. | | | N/A |  |  |  | |
| WW-153 | Profile Module | | Verify that the “Logout” button logs the user out and redirects to login page | 1. On the profile page, click the “Logout” button.  2. Observe redirection to login page. | | | Click “Logout” |  |  |  | |
| WW-154 | Profile Module | | Verify that modals open correctly (“About Us”, “FAQs”, “Terms & Policy”) | 1. Click “About Us”.  2. Click “FAQs”.  3. Click “Terms & Policy”.  4. Observe if each modal opens properly. | | | Click each modal link |  |  |  | |
| WW-155 | Profile Module | | Verify that modals can be closed successfully | 1. Open any modal.  2. Click the close button (X).  3. Observe if modal closes properly. | | | Click “X” |  |  |  | |
| WW-156 | Profile Module | | Verify that saved products and routines count display correctly | 1. Login to a user account with saved items.  2. Go to profile page.  3. Check the count shown for “Saved Products” and “Active Routines.” | | | N/A |  |  |  | |
| WW-157 | Profile Module | | Verify that the “Skin Type” field displays correct information | 1. Go to profile page.  2. Observe the displayed skin type value. | | | N/A |  |  |  | |
| WW-159 | Body Impurity Dashboard | | Verify that impurities are fetched and displayed successfully | 1. Log in with a valid account.  2. Navigate to the Body Impurity Dashboard.  3. Observe if impurity cards are displayed. | | | Click “Body Impurity Dashboard” |  |  |  | |
| WW-161 | Body Impurity Dashboard | | Verify that the impurity count matches the number of displayed cards | 1. Go to the dashboard.  2. Compare the number shown beside “items found” with the displayed impurity cards. | | | N/A |  |  |  | |
|  | Body Impurity Dashboard | | Verify that impurities are displayed with correct name, image, and description | 1. Check impurity cards.  2. Ensure name, image, and short description appear correctly. | | | N/A |  |  |  | |
| WW-163 | Body Impurity Dashboard | | Verify that the date is displayed in the correct format | 1. Observe “Detected:” label on impurity cards.  2. Ensure format matches “MMM DD, YYYY HH:MM”. | | | N/A |  |  |  | |
| WW-164 | Body Impurity Dashboard | | Verify that “No impurities found” message is shown when user has no saved impurities | 1. Log in with a new account having no impurities.  2. Navigate to the dashboard. | | | Account with no impurities |  |  |  | |
| WW-165 | Body Impurity Dashboard | | Verify that clicking “View Details” opens the details modal | 1. On any impurity card, click “View Details.”  2. Observe if modal opens showing full information. | | | Click “View Details” |  |  |  | |
| WW-166 | Body Impurity Dashboard | | Verify that details modal shows correct impurity information | 1. Open any impurity’s modal.  2. Check name, date, body part, description, and prevalence values. | | | Click on any impurity |  |  |  | |
| WW-167 | Body Impurity Dashboard | | Verify that clicking the close (X) button closes the details modal | 1. Open impurity modal.  2. Click the X icon in the top-right corner.  3. Observe if modal closes. | | | Click “X” |  |  |  | |
| WW-168 | Body Impurity Dashboard | | Verify that clicking outside the modal closes it | 1. Open details modal.  2. Click outside modal area.  3. Observe if modal closes. | | | Click backdrop |  |  |  | |
| WW-170 | Body Impurity Dashboard | | Verify that layout adjusts correctly for small screens (responsive test) | 1. View on small/mobile screen.  2. Ensure grid adjusts to 1–2 columns. | | | Mobile view |  |  |  | |
| WW-173 | Body Impurity Dashboard | | Verify that hovering over impurity cards applies visual animation (lift effect) | 1. Hover over an impurity card.  2. Observe if it slightly moves up with a shadow. | | | Hover mouse on card |  |  |  | |
| WW-174 | Dashboard Module | | Verify dashboard loads successfully when user is logged in | 1. Log in with a valid account  2. Navigate to Dashboard Page | | | Logged in user |  |  |  | |
| WW-175 | Dashboard Module | | Verify dashboard displays the most recent analysis by default | 1. Log in  2. Go to Dashboard Page  3. Check the selected date at top | | | User with multiple analysis records |  |  |  | |
| WW-177 | Dashboard Module | | Verify “Key Problems Detected” section | 1. Load dashboard with analysis data  2. Observe the “Key Problems Detected” area | | | N/A |  |  |  | |
|  | Dashboard Module | | Verify date dropdown functionality | 1. Click date dropdown  2. Choose an earlier date Analysis records with multiple dates | | | N/A |  |  |  | |
| WW-178 | Dashboard Module | | Verify radar chart (“Skin Issues Distribution”) loads properly | 1. Go to dashboard  2. Scroll to the radar chart section | | | N/A |  |  |  | |
| WW-179 | Dashboard Module | | Verify radar chart shows message when no data | 1. Log in as user with no saved analysis  2. Go to dashboard | | | N/A |  |  |  | |
| WW-180 | Dashboard Module | | Verify analytics chart visualization | 1. Load dashboard with analytics data  2. Observe analytics bars | | | N/A |  |  |  | |
| WW-181 | Dashboard Module | | Verify analytics chart message when no data | 1. Log in with no analytics records  2. Go to dashboard | | | N/A |  |  |  | |
| WW-182 | Dashboard Module | | Verify “Detailed Skin Analysis” section displays impurities | 1. Open dashboard  2. Scroll to Detailed Skin Analysis section | | | N/A |  |  |  | |
| WW-183 | Dashboard Module | | Verify message when no impurities are available | 1. Open dashboard as user with no impurity data | | | N/A |  |  |  | |
| WW-184 | Dashboard Module | | Verify Help (Tour Guide) button functionality | 1. Click Help icon (bottom right)  2. Observe walkthrough highlights | | | Click Help icon |  |  |  | |
| WW-185 | Dashboard Module | | Verify next and previous tour step navigation | 1. Start walkthrough  2. Click next and previous | | | Default tour configuration |  |  |  | |
| WW-187 | Dashboard Module | | Verify responsive layout | 1. Resize window to mobile, tablet, desktop | | | Any user |  |  |  | |